



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1144943
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1144943

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Greg Andersen 2-34
Doc ID	1144943

All Electric Logs Run

CDL/CNL
PE
DIL
MEL
SONIC

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Greg Andersen 2-34
Doc ID	1144943

Tops

Name	Top	Datum
Heebner	3983	-1015
Lansing	4028	-1060
Stark Shale	4252	-1284
Hushpuckney	4287	-1319
Base KC	4321	-1353
Marmaton	4377	-1409
Pawnee	4443	-1409
Ft. Scott	4471	-1503
Johnson	4571	-1603
Morrow	4588	-1620
Mississippian	4598	-1630
Spergen	4662	-1694

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

July 10, 2013

Jay Schweikert
Lario Oil & Gas Company
301 S MARKET ST
WICHITA, KS 67202-3805

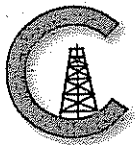
Re: ACO1
API 15-063-22104-00-00
Greg Andersen 2-34
NW/4 Sec.34-12S-31W
Gove County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Jay Schweikert



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE Invoice # 259906

Invoice Date: 06/25/2013 Terms: 15/15/30,n/30 Page 1

LARIO OIL & GAS
P.O. BOX 1093
GARDEN CITY KS 637846
(316)265-5611

Anderson
GREG-ANDERSON 2-34
40017
34-12-31
06-13-2013
KS

*drilling / long string
CMT
6-28-13. LK*

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	125.00	23.7000	2962.50
1110A	KOL SEAL (50# BAG)	625.00	.5600	350.00
1131	60/40 POZ MIX	300.00	15.8600	4758.00
1118B	PREMIUM GEL / BENTONITE	2064.00	.2700	557.28
1107	FLO-SEAL (25#)	75.00	2.9700	222.75
4159	FLOAT SHOE AFU 5 1/2"	1.00	433.7500	433.75
4454	5 1/2" LATCH DOWN PLUG	1.00	318.2500	318.25
4104	CEMENT BASKET 5 1/2"	1.00	290.0000	290.00
4130	CENTRALIZER 5 1/2"	9.00	61.0000	549.00
4277	DV TOOL SIZE 5 1/2" (STA	1.00	4800.0000	4800.00
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-2361.23
9995-130	CEMENT EQUIPMENT DISCOUNT	-525.00
9999-130	CREDIT ADJUSTMENT (PER RUSSELL MCCO	-2275.00

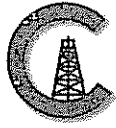
Description	Hours	Unit Price	Total
397 MIN. BULK DELIVERY	1.00	430.00	430.00
399 DOUBLE PUMP	1.00	3020.00	3020.00
399 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00

llc
Amount Due 20508.73 if paid after 07/25/2013

Parts:	15741.53	Freight:	.00	Tax:	1077.12	AR	15157.42
Labor:	.00	Misc:	.00	Total:	15157.42		
Sublt:	-5161.23	Supplies:	.00	Change:	.00		

Signed _____

Date _____



CONSOLIDATED
Oil Well Services, LLC

P.O. Box 884, Chanute, KS 66720
620/431-9210 • 1-800/467-8676

Sales Ticket

2599025201

4793

Date 10-24, 2013

Charge To Lario Oil & Gas

Mailing Address P.O. Box 1093

City & State Garden City, KS

Well No. & Farm _____ County _____

Credit Adjustment

2275⁰⁰

Credit Adjustment:
Please see attached.
Per Russell Moley

Thyha
Lyn Ann
B Williams
AR

5900.130.17

Apply on Ticket before
Billing.

Handwritten signature



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 136533
Invoice Date: May 31, 2013
Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

Bill To:
Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

drilling
AFE 13-125
6-10-13 LR

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Lario	59321	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	May 31, 2013	6/30/13

Quantity	Item	Description	Unit Price	Amount
		Greg Anderson #2-34		
175.00	MAT	Class A Common	17.90	3,132.50
3.00	MAT	Gel	23.40	70.20
6.00	MAT	Chloride	64.00	384.00
188.75	SER	Cubic Feet	2.48	468.10
129.30	SER	Ton Mileage	2.60	336.18
1.00	SER	Surface	1,512.25	1,512.25
15.00	SER	Pump Truck Mileage	7.70	115.50
15.00	SER	Light Vehicle Mileage	4.40	66.00
1.00	CEMENTER	Patrick Helgerson		
1.00	EQUIP OPER	Kevin Eddy		
1.00	OPER ASSIST	Chris Helpingstine		

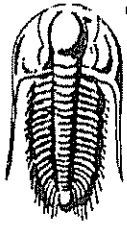
Handwritten signatures and initials

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1,157.20

ONLY IF PAID ON OR BEFORE Jun 25, 2013

Subtotal	6,084.73
Sales Tax	288.73
Total Invoice Amount	6,373.46
Payment/Credit Applied	
TOTAL	6,373.46



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas Company
 301 South Market
 Wichita, KS 67202
 ATTN: Steve Davis

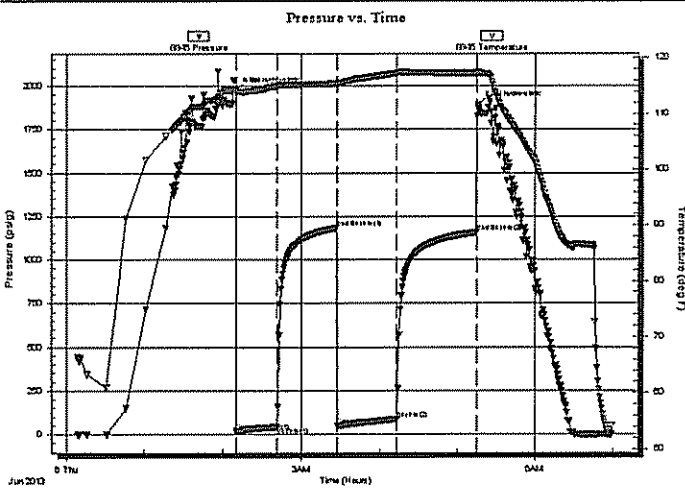
34-12s-31w Gove Co.
Greg Andersen #2-34
 Job Ticket: 49135 DST#: 1
 Test Start: 2013.06.06 @ 00:09:00

GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:10:00
 Time Test Ended: 06:59:15
 Interval: **3982.00 ft (KB) To 4020.00 ft (KB) (TVD)**
 Total Depth: **4020.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Sam Esparza**
 Unit No: **64**
 Reference Elevations: **2968.00 ft (KB)**
 2957.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8845 **Outside**
 Press@RunDepth: **87.63 psig @ 3983.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2013.06.06** End Date: **2013.06.06** Last Calib.: **2013.06.06**
 Start Time: **00:09:05** End Time: **06:59:14** Time On Btm: **2013.06.06 @ 02:09:45**
 Time Off Btm: 2013.06.06 @ 05:16:30

TEST COMMENT: IF: 2 1/2" Blow.
 IS: No Return.
 FF: 1 3/4" Blow.
 FS: No Return.



PRESSURE SUMMARY

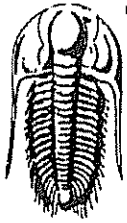
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1975.08	114.41	Initial Hydro-static
1	17.62	113.75	Open To Flow (1)
32	42.79	114.98	Shut-In(1)
78	1183.26	115.44	End Shut-In(1)
78	48.99	114.89	Open To Flow (2)
124	87.63	117.25	Shut-In(2)
186	1158.22	117.27	End Shut-In(2)
187	1892.69	117.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 20m 80w	0.59
20.00	WM 10w 90m	0.10

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

34-12s-31w Gove Co.

301 South Market
Wichita, KS 67202

Greg Andersen #2-34

Job Ticket: 49135

DST#: 1

ATTN: Steve Davis

Test Start: 2013.06.06 @ 00:09:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

60000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	MW 20m 80w	0.590
20.00	WM 10w 90m	0.098

Total Length: 140.00 ft Total Volume: 0.688 bbf

Num Fluid Samples: 0

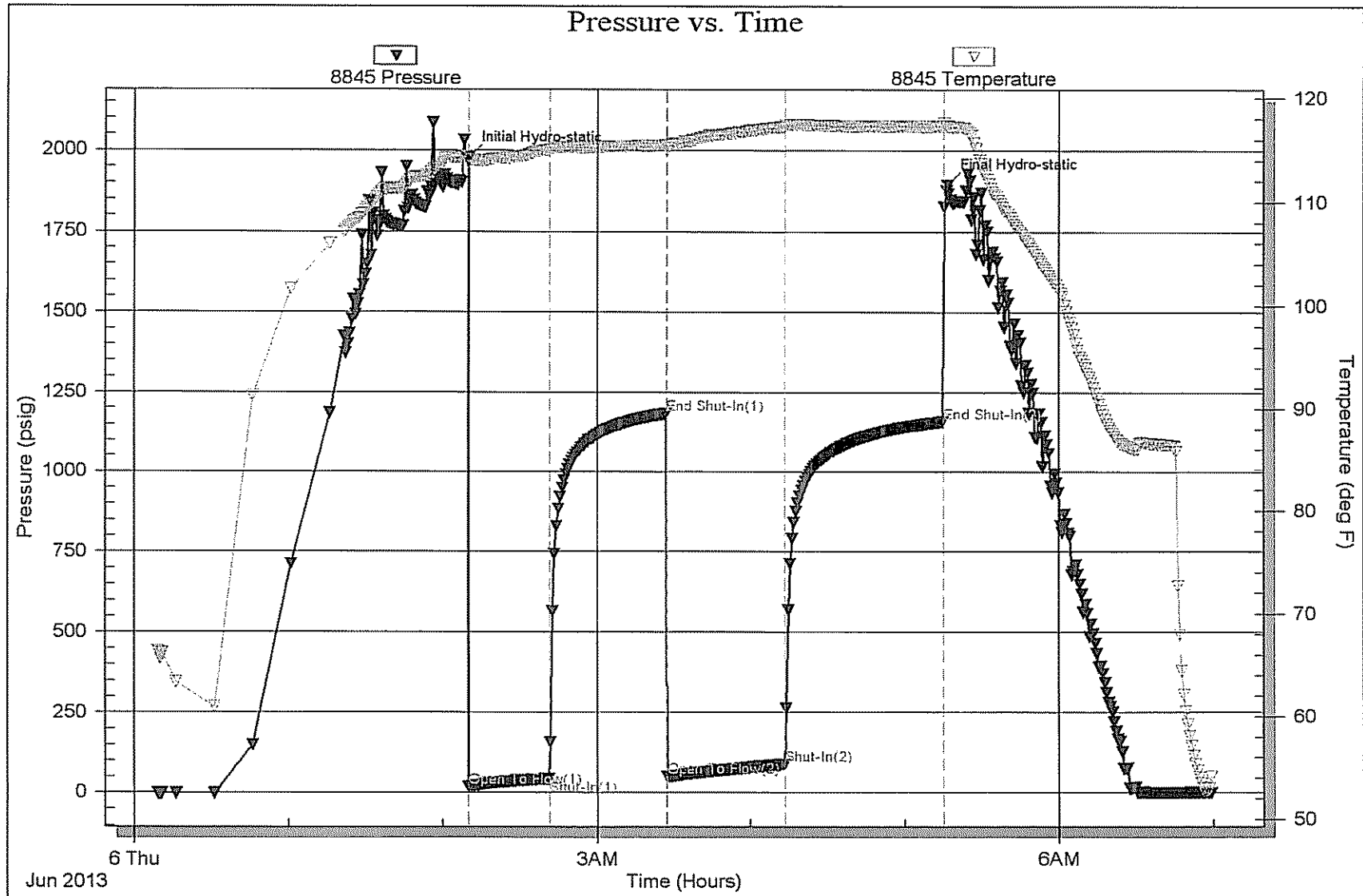
Num Gas Bombs: 0

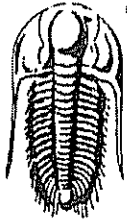
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .178 @ 48 Degrees= 60,000 ppm





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

34-12s-31w Gove Co.

301 South Market
Wichita, KS 67202

Greg Andersen #2-34

Job Ticket: 49136

DST#: 2

ATTN: Steve Davis

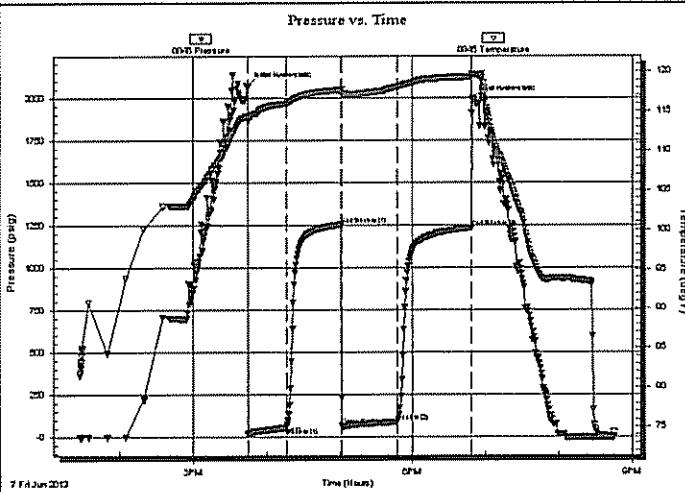
Test Start: 2013.06.07 @ 13:28:00

GENERAL INFORMATION:

Formation: **Lansing "H & I"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:44:45
 Time Test Ended: 20:45:15
 Interval: **4167.00 ft (KB) To 4225.00 ft (KB) (TVD)**
 Total Depth: **4225.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Sam Esparza
 Unit No: 64
 Reference Elevations: 2968.00 ft (KB)
 2957.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8845 Outside
 Press@RunDepth: 89.40 psig @ 4168.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.07 End Date: 2013.06.07 Last Calib.: 2013.06.07
 Start Time: 13:28:05 End Time: 20:45:14 Time On Btm: 2013.06.07 @ 15:44:30
 Time Off Btm: 2013.06.07 @ 18:49:15

TEST COMMENT: IF: BOB @ 20 min.
 IS: Bled off 4 min. 1" Return died back to 1/4" return.
 FF: BOB @ 17 min.
 FS: Bled off 4 min. 1/2" Return died back to Weak Surface Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2071.38	114.45	Initial Hydro-static
1	17.44	113.78	Open To Flow (1)
32	55.72	116.03	Shut-In(1)
77	1252.03	117.71	End Shut-In(1)
78	64.29	117.31	Open To Flow (2)
123	89.40	118.14	Shut-In(2)
184	1234.33	119.32	End Shut-In(2)
185	1988.74	119.60	Final Hydro-static

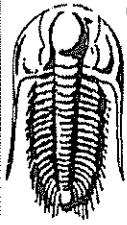
Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 10g 30o 60m	0.30
150.00	GO 30g 70o	1.01
0.00	270' GIP	0.00

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

34-12s-31w Gove Co.

301 South Market
Wichita, KS 67202

Greg Andersen #2-34

Job Ticket: 49136

DST#: 2

ATTN: Steve Davis

Test Start: 2013.06.07 @ 13:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 4.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM 10g 30o 60m	0.295
150.00	GO 30g 70o	1.011
0.00	270' GIP	0.000

Total Length: 210.00 ft Total Volume: 1.306 bbl

Num Fluid Samples: 0

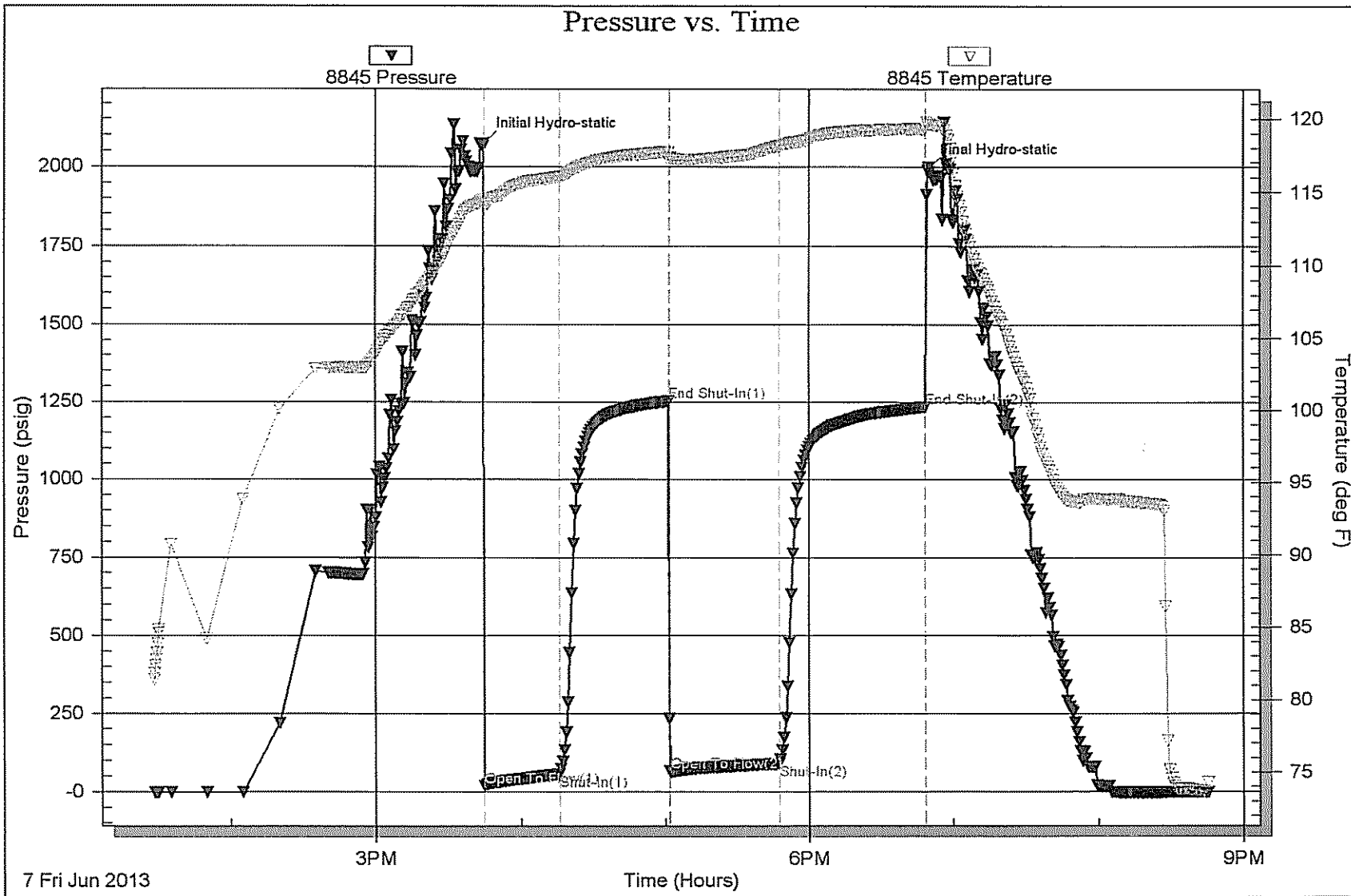
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 38 @ 80 degrees= 36 deg API





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Larlo Oil & Gas Company

34-12s-31w Gove Co.

301 South Market
Wichita, KS 67202

Greg Andersen #2-34

Job Ticket: 49137

DST#: 3

ATTN: Steve Davis

Test Start: 2013.06.08 @ 09:16:00

GENERAL INFORMATION:

Formation: "J & K"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:04:30

Time Test Ended: 16:02:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4222.00 ft (KB) To 4280.00 ft (KB) (TVD)

Total Depth: 4280.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2968.00 ft (KB)

2957.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6772 Outside

Press@RunDepth: 115.58 psig @ 4223.00 ft (KB)

Start Date: 2013.06.08

End Date:

2013.06.08

Start Time: 09:16:05

End Time:

16:02:44

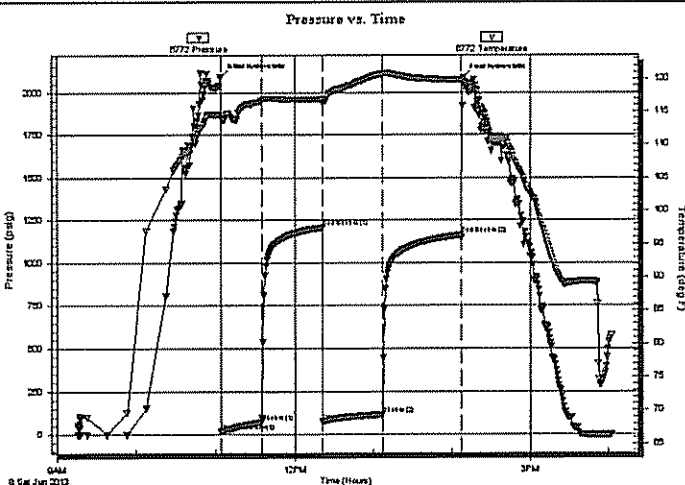
Capacity: 8000.00 psig

Last Calib.: 2013.06.08

Time On Btm: 2013.06.08 @ 11:04:00

Time Off Btm: 2013.06.08 @ 14:08:30

TEST COMMENT: IF: 4" Blow.
IS: No Return.
FF: 4" Blow.
FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2092.18	114.46	Initial Hydro-static
1	16.47	113.96	Open To Flow (1)
31	70.44	116.61	Shut-in(1)
77	1205.37	116.89	End Shut-in(1)
77	76.03	116.28	Open To Flow (2)
123	115.58	120.58	Shut-in(2)
184	1162.99	119.74	End Shut-in(2)
185	2086.86	119.70	Final Hydro-static

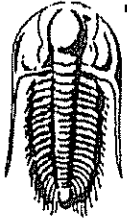
Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 20m 80w	0.59
60.00	WM 30w 70m	0.30
45.00	Mud (Oil Spots) 100m	0.63

* Recovery from multiple tests

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

34-12s-31w Gove Co.

301 South Market
Wichita, KS 67202

Greg Andersen #2-34

Job Ticket: 49137

DST#: 3

ATTN: Steve Davis

Test Start: 2013.06.08 @ 09:16:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

46000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 4.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filler Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	MW 20m 80w	0.590
60.00	VW 30w 70m	0.295
45.00	Mud (Oil Spots) 100m	0.631

Total Length: 225.00 ft Total Volume: 1.516 bbf

Num Fluid Samples: 0

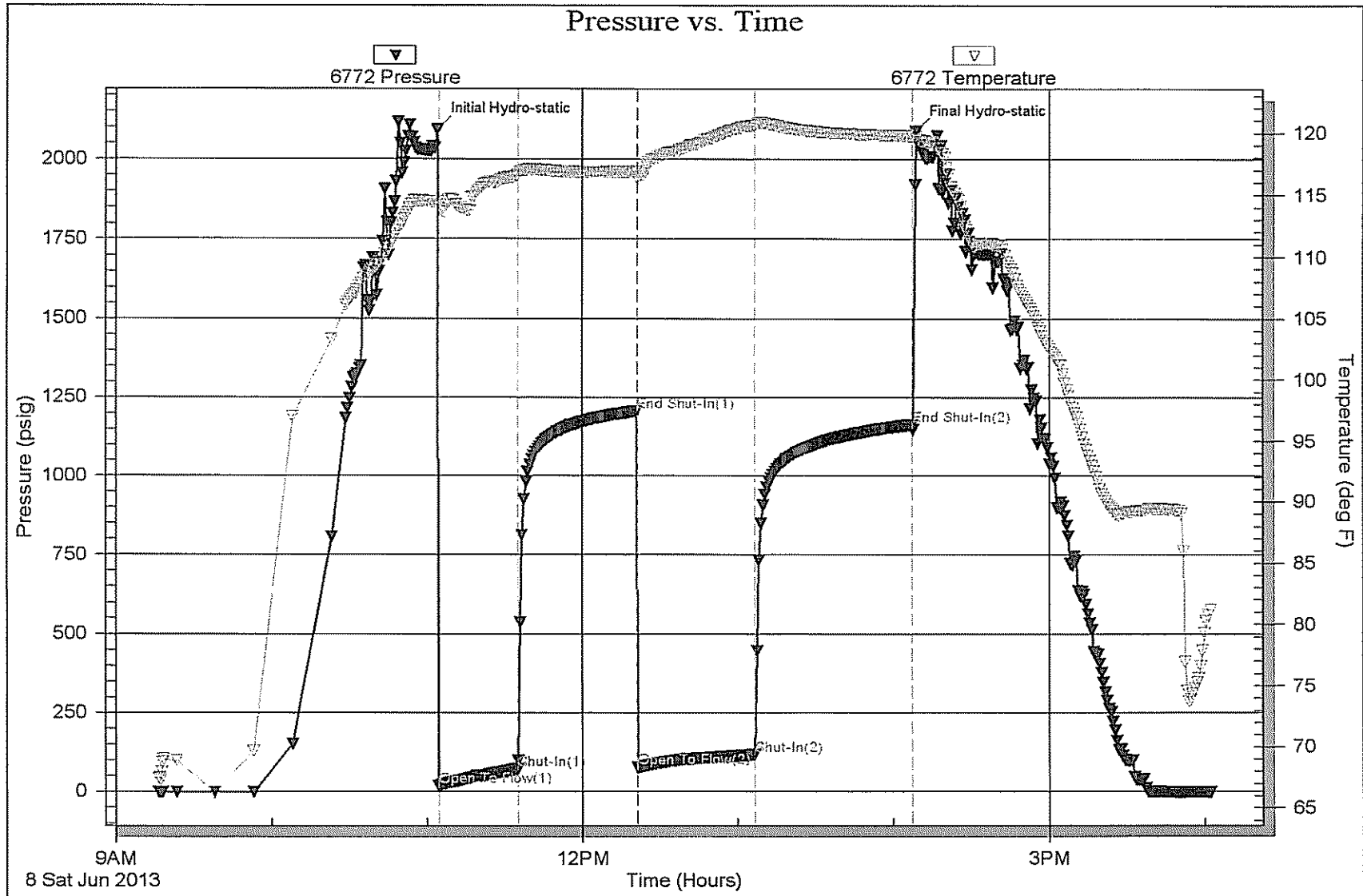
Num Gas Bombs: 0

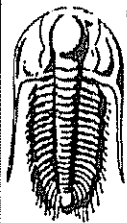
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .123 @ 87 degrees= 46,000 ppm





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

34-12s-31w Gove Co.

301 South Market
Wichita, KS 67202

Greg Andersen #2-34

Job Ticket: 49138

DST#: 4

ATTN: Steve Davis

Test Start: 2013.06.09 @ 01:58:00

GENERAL INFORMATION:

Formation: " L "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:31:15

Time Test Ended: 08:49:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4285.00 ft (KB) To 4310.00 ft (KB) (TVD)

Reference Elevations: 2968.00 ft (KB)

Total Depth: 4310.00 ft (KB) (TVD)

2957.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8845

Outside

Press@RunDepth: 246.32 psig @ 4286.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.09 End Date: 2013.06.09

Last Calib.: 2013.06.09

Start Time: 01:58:05 End Time: 08:49:14

Time On Btm: 2013.06.09 @ 03:31:00

Time Off Btm: 2013.06.09 @ 06:34:45

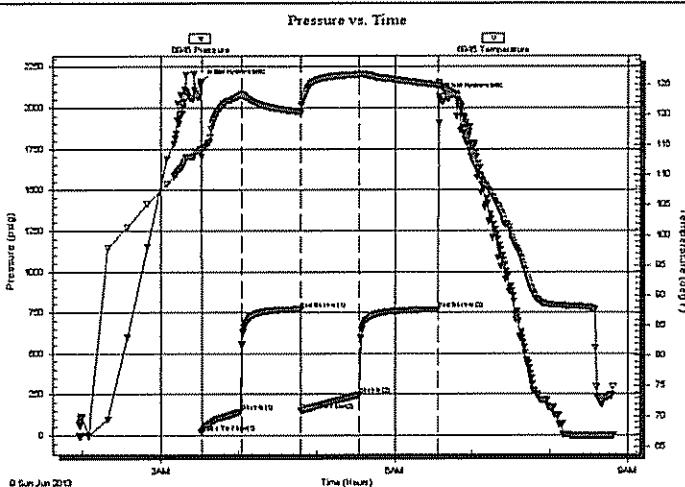
TEST COMMENT:

IF: BOB @ 21 min.

IS: Bled off for 3 min. No Return.

FF: BOB @ 26 min.

FS: Bled off for 3 min. No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.99	114.33	Initial Hydro-static
1	18.28	113.01	Open To Flow (1)
31	144.79	123.17	Shut-In(1)
76	771.03	120.47	End Shut-In(1)
77	148.37	120.15	Open To Flow (2)
122	246.32	126.56	Shut-In(2)
183	768.52	124.85	End Shut-In(2)
184	2070.42	124.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Clean Oil 100o	0.00
120.00	MW (Oil Spots) 20m 80w	0.59
120.00	GMCW (Oil Spots) 5g 15m 80w	1.15
240.00	GMCW (Oil Spots) 5g 5m 90w	3.37

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company
301 South Market
Wichita, KS 67202
ATTN: Steve Davis

34-12s-31w Gove Co.
Greg Andersen #2-34
Job Ticket: 49138 DST#: 4
Test Start: 2013.06.09 @ 01:58:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	70000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.00 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

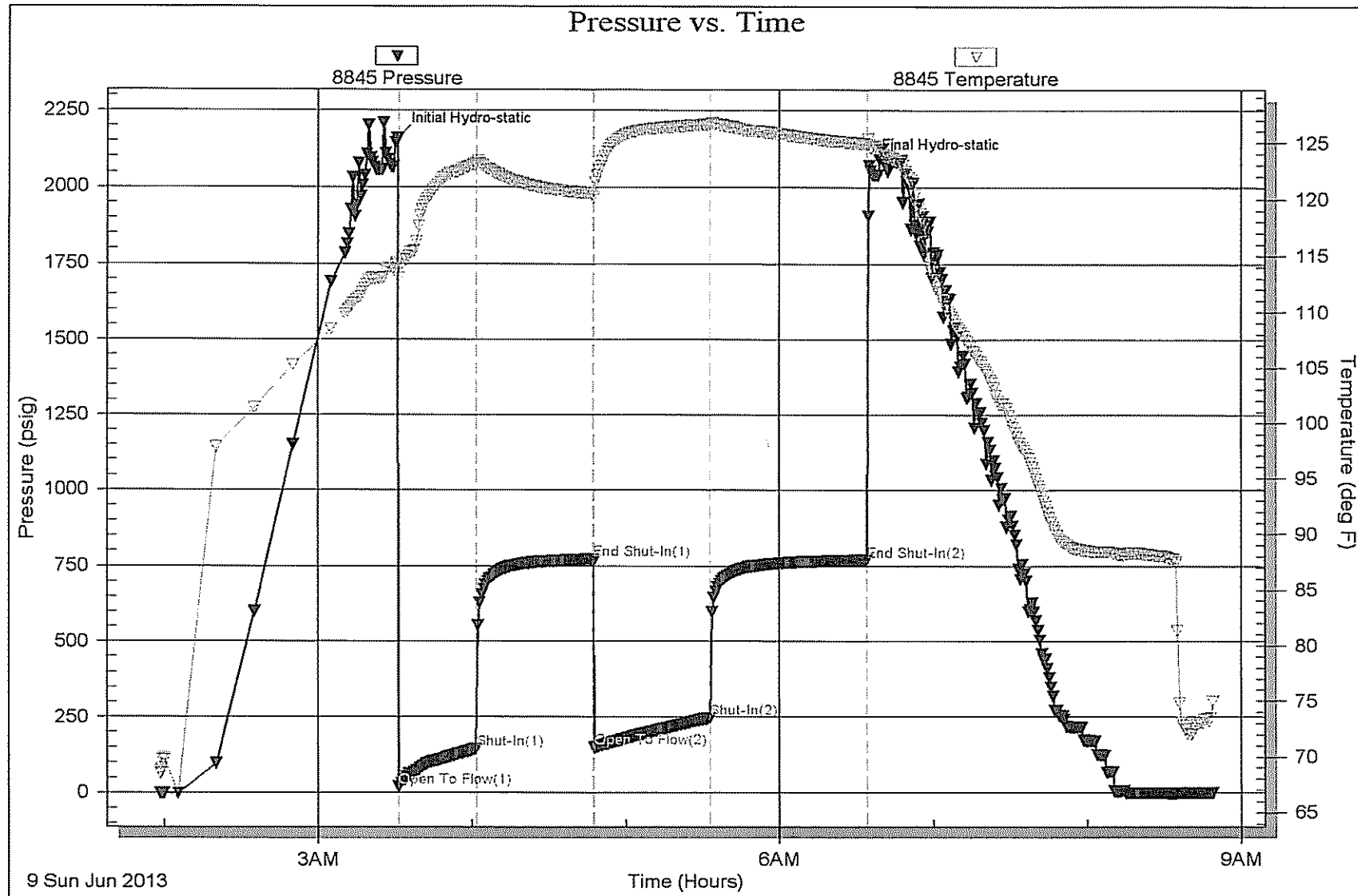
Recovery Information

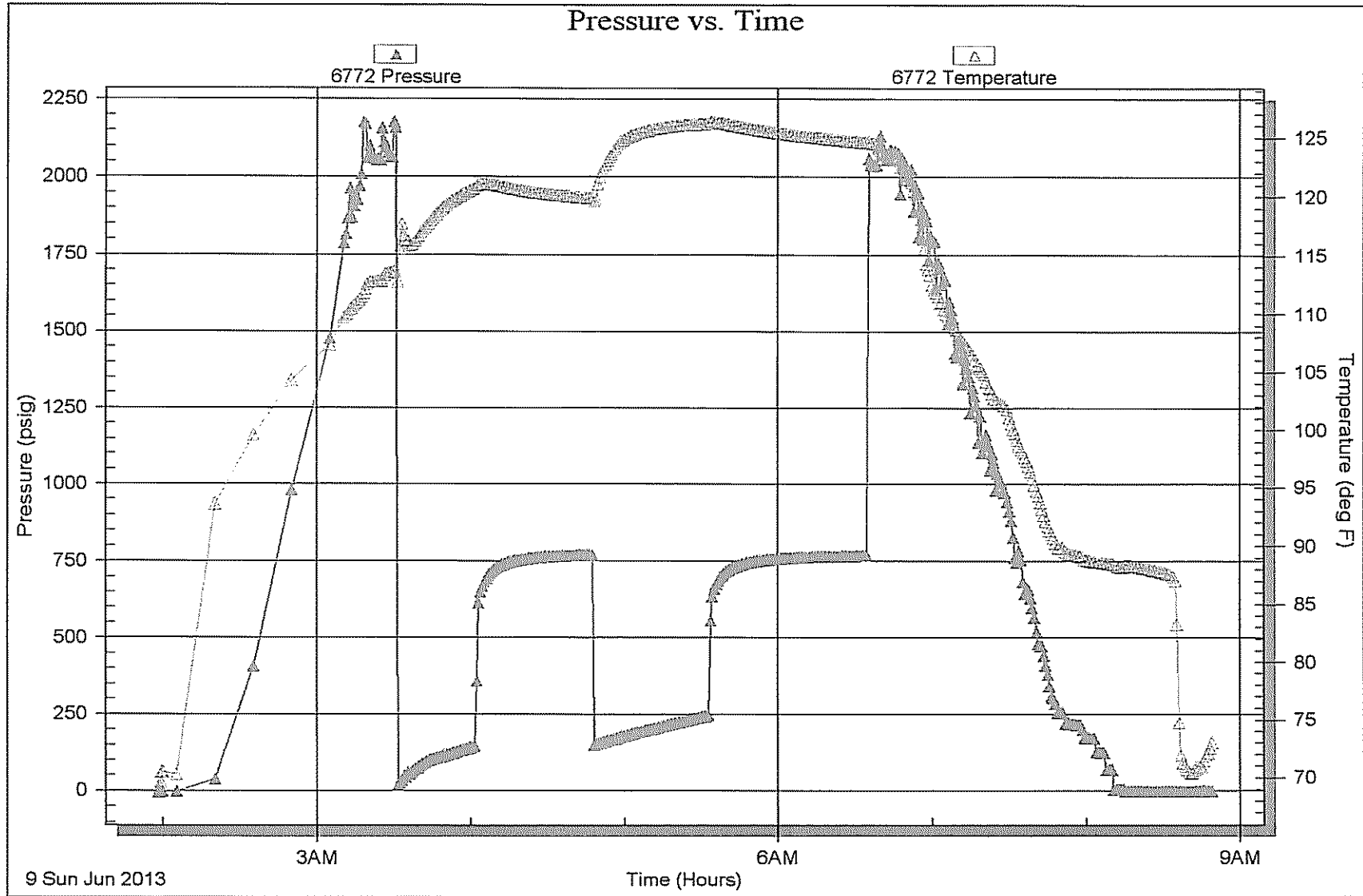
Recovery Table

Length ft	Description	Volume bbl
1.00	Clean Oil 100o	0.005
120.00	MW (Oil Spots) 20m 80w	0.590
120.00	GMCW (Oil Spots) 5g 15m 80w	1.146
240.00	GMCW (Oil Spots) 5g 5m 90w	3.367

Total Length: 481.00ft Total Volume: 5.108 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW: .115 @ 63 degrees= 70,000 ppm







TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Lario Oil & Gas Company
 301 South Market
 Wichita, KS 67202
 ATTN: Steve Davis

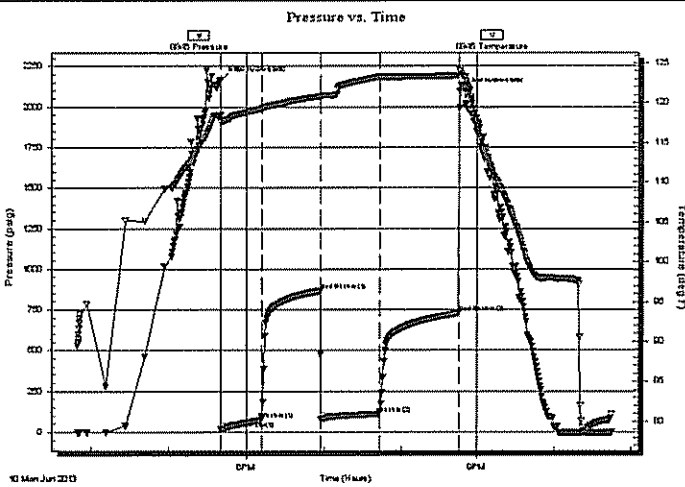
34-12s-31w Gove Co.
 Greg Andersen #2-34
 Job Ticket: 49139 DST#: 5
 Test Start: 2013.06.10 @ 15:50:00

GENERAL INFORMATION:

Formation: **Fort Scott & Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:40:45
 Time Test Ended: 22:44:30
 Interval: **4463.00 ft (KB) To 4526.00 ft (KB) (TVD)**
 Total Depth: 4526.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Sam Esparza
 Unit No: 64
 Reference Elevations: 2968.00 ft (KB)
 2957.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: **8845** Outside
 Press@RunDepth: 111.94 psig @ 4464.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.10 End Date: 2013.06.10 Last Calib.: 2013.06.10
 Start Time: 15:50:05 End Time: 22:44:29 Time On Btm: 2013.06.10 @ 17:40:30
 Time Off Btm: 2013.06.10 @ 20:46:15

TEST COMMENT: IF: 4 1/2" Blow.
 IS: No Return.
 FF: 3 1/4" Blow.
 FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.07	118.44	Initial Hydro-static
1	16.27	117.57	Open To Flow (1)
32	73.66	119.26	Shut-In(1)
77	865.88	120.85	End Shut-In(1)
77	82.77	120.66	Open To Flow (2)
123	111.94	123.34	Shut-In(2)
185	728.34	123.45	End Shut-In(2)
186	2097.69	123.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
220.00	MW (Oil Spots) 20m 80w	1.45

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

34-12s-31w Gove Co.

301 South Market
Wichita, KS 67202

Greg Andersen #2-34

Job Ticket: 49139

DST#: 5

ATTN: Steve Davis

Test Start: 2013.06.10 @ 15:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

32000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
220.00	MW (Oil Spots) 20m 80w	1.446

Total Length: 220.00 ft Total Volume: 1.446 bbf

Num Fluid Samples: 0

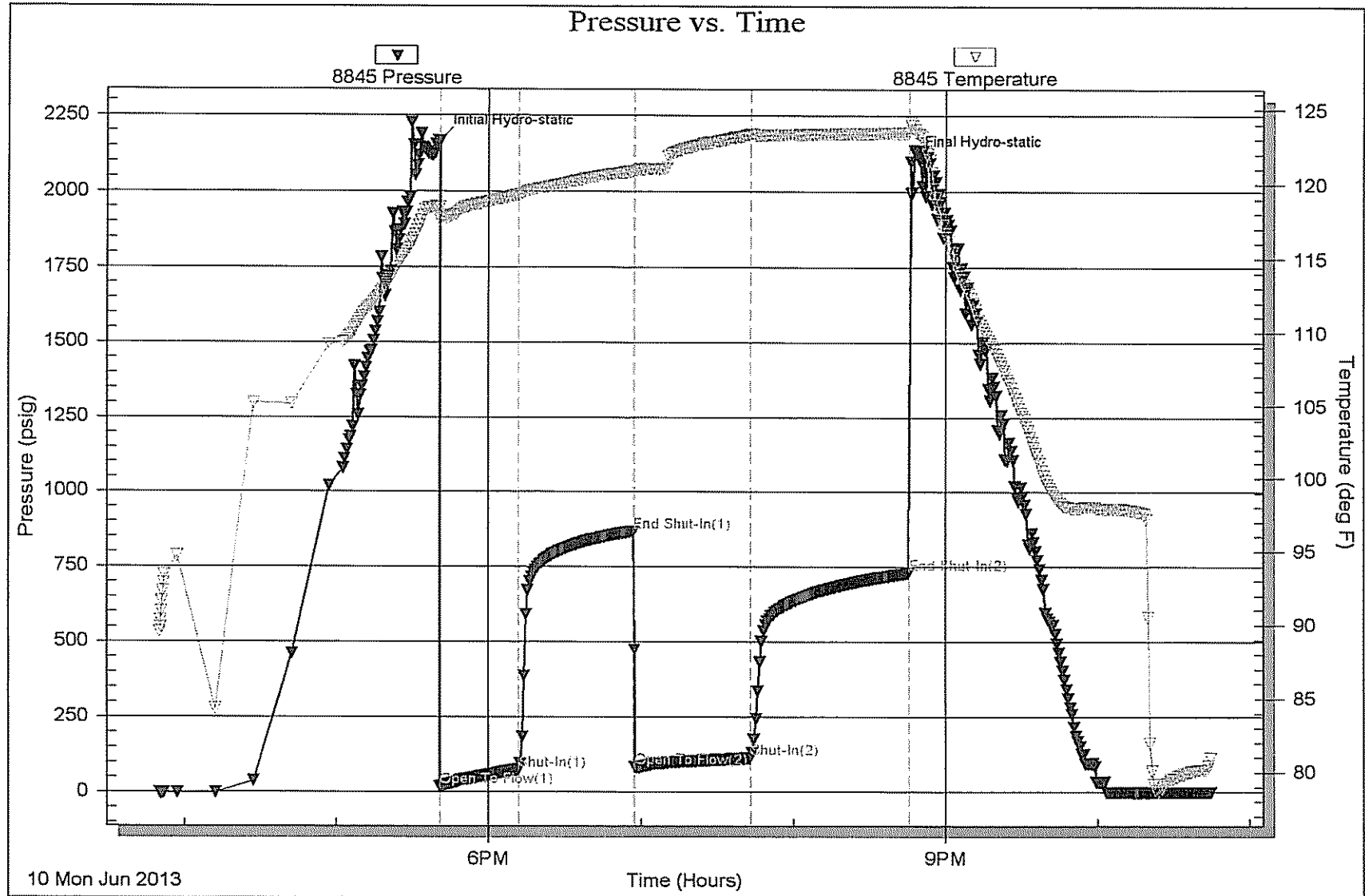
Num Gas Bombs: 0

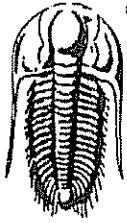
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .168 @ 84 Degrees= 32,000 ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

34-12s-31w Gove Co.

301 South Market
Wichita, KS 67202

Greg Andersen #2-34

Job Ticket: 49140

DST#: 6

ATTN: Steve Davis

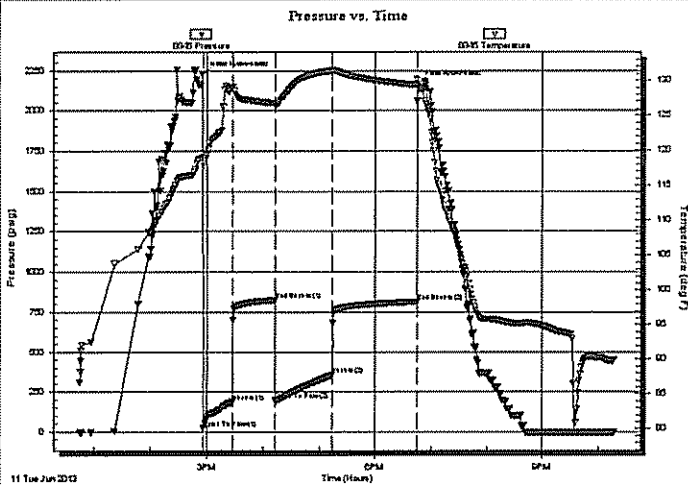
Test Start: 2013.06.11 @ 12:45:00

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:56:00
 Time Test Ended: 22:17:00
 Interval: **4547.00 ft (KB) To 4590.00 ft (KB) (TVD)**
 Total Depth: 4590.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Sam Esparza
 Unit No: 64
 Reference Elevations: 2968.00 ft (KB)
 2957.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8845 Outside
 Press@RunDepth: 354.34 psig @ 4548.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.06.11 End Date: 2013.06.11 Last Calib.: 2013.06.11
 Start Time: 12:45:05 End Time: 22:17:00 Time On Btm: 2013.06.11 @ 14:55:45
 Time Off Btm: 2013.06.11 @ 18:46:30

TEST COMMENT: IF: 7 1/2" Blow.
 IS: Bled off for 3 min. No Return.
 FF: BOB @ 15 min.
 FS: Bled off for 4 min. 7 3/4" Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2226.67	119.06	Initial Hydro-static
1	22.26	117.79	Open To Flow (1)
32	189.81	128.95	Shut-In(1)
77	824.25	126.73	End Shut-In(1)
78	198.80	126.36	Open To Flow (2)
138	354.34	131.38	Shut-In(2)
230	813.86	129.33	End Shut-In(2)
231	2166.87	129.24	Final Hydro-static

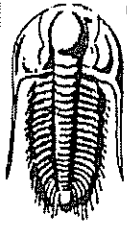
Recovery

Length (ft)	Description	Volume (bbl)
360.00	GOMCW 5g 5o 20m 70w	3.41
240.00	GMWCO 20g 20w 30m 30o	3.37
140.00	GO 30g 70o	1.96
0.00	420' GIP	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

34-12s-31w Gove Co.

301 South Market
Wichita, KS 67202

Greg Andersen #2-34

Job Ticket: 49140

DST#: 6

ATTN: Steve Davis

Test Start: 2013.06.11 @ 12:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

65000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	GOMCW 5g 5o 20m 70w	3.410
240.00	GMWCO 20g 20w 30m 30o	3.367
140.00	GO 30g 70o	1.964
0.00	420' GIP	0.000

Total Length: 740.00 ft Total Volume: 8.741 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 27 @ 90 degrees= 24 deg API

Water Salinity: .088 @ 89 degrees= 65,000

